الموضوع: الله الموضوع المسلمان 111/18 مور لو القالمة للحل En los A au hors Iblet = (in him tellar) D'SAR = [A.A] D2A = [DADA] D'HTA - [DKA DKA] exal D Nan Lases Ard ILBb: DnA-[Dn-1] - And J-And Wind Resident & ees Island Die Acino D'A allo NEN all allo D"+A = D"A sib nEN s B I 1 2 Ili con por DoA, DoA, DoA of cil all 1 Acidis is say of the DXA of of the original. DK+1 = [DKADKA] ori elis pH+IA allo orices pH+IA allo orices lis pMoN dax is المتعاواللمبر على المتعاواللمب

الموضوع: n _ _ _ 2 N-0: DA-[A,A] CA-DOA n-1: D2A = [DA, DA] C[A, A] = D.A we have do's or i of iew DYASDK-'A DK+1A = [PMA, DMA] C[DK-1A, DMA]. D"+'A = D"A : L'ENENS dos cis. AciellorA of nEN estil Aciso des D'A : ils nEN i Bus-2-D'A JUL D'A JE NEN JII 3. PA-ILBU NEN ili A+10 occeler is 5 1- 4 A=D°A2DA2D2A2..._5. 14 along a last a last all [2] 6 [2] comp [[2] 0 [2] . ١٠ سنج من لون کی مثالی صمیز نے الم هوشالی ہے ا DA = A 2 DA - [A, A] he nodolico 3. DOA - Cinimales DA OF LA D2A = [DA,DA] = DA cili n=1 doi co DA cie d'INDEA cien A cied la p2A offus DK-1A co Who DKA with K do'x colcipied D'A'= D'A, D'AT CDHA : is in 1 (3 4 5 6 7 8 9 10 11 12 13 14 15 18 17

DK S OL DK+1 OI STORS. 4. comp (Si di 13) com 4 Man Kabo Bis all Who is A lilear PMI Sails all Who is A Williams I be All who is A Williams I be All who is A Williams I be All who is A with the sails and the sails are sails and the sails are sails and the sails and the sails are sails are sails and the sails are sails and the sails are sails and the sails are sails are sails and the sails are sails RadA -vinia. * ou ait with & colin les it is us. * del die es 20 m K des cos de la la S. 110 Sula Maria Company dim A= 2 via / last coè et la Pier. K Je A selo S= Senez 3 CA viciliano 2= RICI+RZEZ; KIRZEK Sill. : i'vie DA-[AA] = DA = Su Z=[x,y] ~ x,y EA , 10 21 [evez]=Re, ¿81:11:21:21=181. and espis B2 Ell cio x= a1 e1+ a2e2 - y= B, e1+ B2e2

الموضوع: Z=[2,y]=[x,e+xzezpie+pzez] = [Riei, Biei] + [Riei, Bzez] + [Rzez, Biei] + [Rzez/Bzez] $= \alpha_1 \beta_1 [e_1, e_1] + \alpha_1 \beta_2 [e_1, e_2] + [\alpha_2 \beta_1 [e_2, e_1] + \alpha_2 \beta_2 [e_2, e_2] + [\alpha_2 \beta_1 [e_2, e_2] + [\alpha_2 \beta_1 [e_2, e_2]] + [\alpha_2 \beta_1 [e_2, e_2] + [\alpha_2 \beta_1 [e_2, e_2]$ Z= (\alpha \beta 2 \alpha 2 \a 10 ml. Los De De CDA, DAJONO ZEDEA : e. Sul 3-[20, yo] = 3, yo € DA 20 = 41 e1 , y= 00 e1 0 0 0 000 Joe (NO EN CO)

Zo= (NO, Yo) = [Ue, Jei] = U. Jeney] = 0

John Je A in commission De De o objections Bez = [e,ez] o'BI: =ii is = E up/ anien Ist die A = 6 BEH. ر المتناولات 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

111/19 الموضوع: 11 الحالت المان حالاً. RIBEH : [evez] = xe,+Bez 16186 A = 0, B + 0 e' = a e + Bez GA لنفر من أن e'z = Re, -Bez & A الم هي على أن الحيوم ت أواء أوا مستقلة وَهِلْ عَوْمَ اللهِ Leither = o Cod LINEH Su 1= M=0 01000000 1 Re1 +1 Bez +MRE1-MBEZ-6 () x + Ma) Ae, + () M) Be2= 5 (1 + M/X = 0 =>) + M = 0 x + 0 (1-MIB=0 => 1-M=0 B=0 B=0 => 1-1-0) Megé lips enterno lei en 3 en monto i in 1 in 9. A sol si sipiell = sie sè l'éciè : est elèctes. - LE ZEDA - [A, A] - SU. Z=[2,y]; x,y ∈ A 2=/ 61+ 862 , y= pei+ 8, ez Z=[γe; +ε è, γ, è, +ε, è,]

Z=[γe; +ε è, γ, è, +ε, è,] = Y X, [e'vei] + XE, [e've2] + EX, [e'vei]

+ 28,[è2,è2] = [78,-87,1[è,è2]

[è1,è2] = [ae1+Bee, ae1-Bez] $\alpha\beta[e_1,e_2] + \beta\alpha[e_2,e_1] = -2\alpha\beta[e_1,e_2]$ $= \frac{3}{2\alpha\beta}[e_1,e_2] = 0 \text{ is in the second of the se$ 10 m A cis cips pa cip DA+0 11. Zo=[20,40] = 20,40 EDA
Zo=[20,40] ; 20,40 EDA
Zo=u,e; yo=uze Z=[20,40]=[u1e,u2e]=[1,u2[e,e]=0 ادا و مدا بست ان ان م ح D2A عان الحبر A عابل لكل 2 [e1,e3] = be/ 3 [e2,e3] = ce1-fbez+fae3 All de Siciepu Me aboce PEK cus

Z=[2-y]; 2,yeA 2- & B'+ Be2+ Ne3 : 529 J= x'e,+ B'ez+ 2'e3 Z=[x,y]=[xe+Bez+Nez, x'e+B'ez+7'ez] = aB[enez]+ay[enez]+Ba[ezez]+By[enez] + y à [e3,e1] + y B'[e2,e2] + Br - yP)[e2, e3] = [aB Ba)ae, + (ar-ralber + (Br-rB)ker-fbez +faez) ((xB'-Ba')a - (xr'-ra')b+(Br'-rB')c)e, + (VP'-BY') fb/c2 + (VBr'- rB) fa) e3. = Oe, + (pB'-Br') f(bez. aez) 2=0e1+2e , 0,164 eve EA 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

D²A=[DA,DA] Δ1 Z6D²A Δ1. Z0=[20,40]; 20,40 DA : con 21 Sv 1); 20= Θ1e, +10 40= Θ2e, +12e λ1λ2, Θ1 Θ26H Zo=[20,40]=01 /2[e1,e] + 1,02[e26] =(0,12-1,02)[e,e]=(0,12-1,0,)[e,bez-ae]= = (21/2-1,02) (b[e1,e2] - a[e1,e3]) =(0,12-1,02) (bae, -abe,) =0 ears o=ASO is is A all leb E(2), 4]=0 | Lap = 0 | Lap = 0 | Lap = 6A .

[[2,7],7]=0 | V 2,7 = 6A .

[1,-2] = 0 | V 2,7 = 0 | V 2, 2.9+26A [2,9+2].9+2]=0[[2,4]] =0

[[2,4],4+2]+[[2,2],4+2]=0 =[[2,4],4]+[[2,4],2]+[[2,2],4]+[[2,2],2]=0 [[z,y],z]+[[x,z],y]=0) [8-[2,2]]+[x,[z,y]]+[z,[x,y]]=0 Lind [y, 6, 2]] = - [x, [2, 4]]-[z, [y, 2]] [[24,4],2]+[[2,4],2]+[2,(2,4]]=0 2[[2,4],2]+[2[2,7]]=0] [2,[2,y]]+[2,(y,2]]+(y,[2,y])=0 [24[2,y]] = - [Z,[y,x]] - [y,[2,Z]] =+[[y,2],2]+[[2,2],4] (*) is will

AUGUSTO 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17

(2[[2,4]], Z]+[[y,2], Z]+[[2,2],7]=0) (* *) [[y,x+2],x+2]=0infinite [[y,2]+[y,2],2+2]-[[y,2],2]+[y, = [[y,2],x+z]+ [[y,z],2+z]=0. [[y,2],2]+[y,2],2]+[cy,2],2]+[cy,2],2]=0 [[y,z],z]+[[y,z],z]=0] ([2, (4,2]]+[4,(2,4]]+[2,(2,4]]-0 [[y,z],z] = [y,[z,z]] + [z,(z,y]] [[y,z],z] + [y,[z,z]] + [z,(z,y]] = 0[2[[y,],z]+[y,[z,z]]=0] 2 [y,(z,2]]+[2,(z,y] = 0 (**))! (2 ed [4,[2,2]]+[[4,2],2]+[[2,2],]]-0 2[4,[2,2]]+[[4,2],2]=0

 $\begin{bmatrix}
 [[x,y]+z],y+z] = 0 \\
 [[x,y],z] + [[x,y],[z,y]] = 0 \\
 [[x,y],z] + [x,y],[x] = 0 \\
 [[x,y],z] + [x,y],[x] = 0
 \end{bmatrix}$ $\begin{bmatrix}
 [[x,y],z] + [x,y],[x] = 0 \\
 [[x,y],z] + [x,y],[x] = 0
 \end{bmatrix}$ $\begin{bmatrix}
 [[x,y],z] - 0 \\
 [[x,y],z] - 0
 \end{bmatrix}$

الموضوع: به المارية المراب المراب المارية واعماد المارية المار week to se to or or or or of by the spiral by the hinter sie D'A = 0. D'A = 0. Maracar Sto DOB = BCA = POA D'B=[B,B]c[A,A]=DA

cip n=11 da's eil oil eil lettel D'BCD'A

D'HB CD'BD'B] C [DKA,DKA] CDK+1A

D'B = 0

D'B = 0 Ist dibas Imf oblid dibAiBii1-2 y = f(x); $x \in [A,A]$ is in $y \in f(A,A]$; Sol 1 x = [a,b]; $a,b \in A$ $y = f(x) = f([a,b]) = [f(a),f(b)] \in [f(A),f(A)]$ P (A, A) C (f (A), f (A)) 1 (3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

الموضوع: الموضوع: المراق على المراق على المراق على المراق على المراق على المراق على المراق ال PIDMAI= DUPIA = 0 CON NEW DON 2! n== ; f(A)=P(A) P(D°(A)=D°(A) n=1 PA=CA-AJ
P(CA,A)=(P(A),PAJ=Df(A). Liebis is Idulo lo grano s'als & P(DtA) = Dt RA P(D+1)=P(ED+A,D+A])-[RD+A,P(D+A)] = [Dt Pul, Dt RAJ] = 10t+1P(A) D' f(A) = f(D) = 0 , eld de Imf = 1 , while is a in in A codin I old ble due ASU Estivation.

del ble AII & lily Jie 1 1 1 2 1 W 1 JEULINIA A - AIT CONPOLICIONS role d'es d'és VacA: F(a)= a+I old di IMT = A/I distribul - tues cons